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R3

so as to keep its inlet at the level of the slick to be recovered; and a pipe connecting the outlet of the enclosure to a tank.- -

• • • R E M A R K S • • •

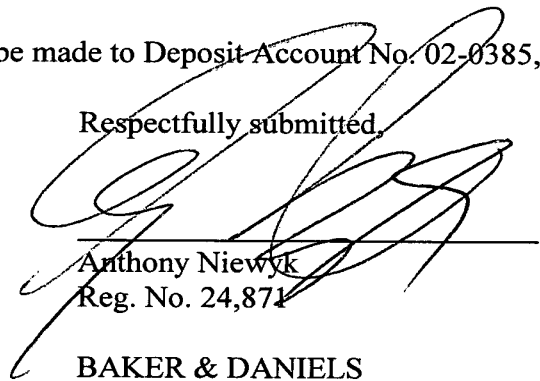
By the present Preliminary Amendment, claims and abstract have been revised to delete reference to figures. Claim 5 has been amended and new claim 8 has been added to delete the multiple dependency.

Care has been taken so as to avoid the addition of new matter in the claims and abstract.

Entry of the present Preliminary Amendment prior to the examination of the application is respectfully requested.

In the event applicants have overlooked the need for an extension of time, an additional extension of time, payment of fee, or additional payment of fee, applicants hereby petition therefor and authorize that any charges be made to Deposit Account No. 02-0385, Baker & Daniels.

Respectfully submitted,



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AN/mln/205293

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Changes Made to Claims

Claims 1-7 have been amended as follows:

1. (Amended) Apparatus for recovery of the product forming a slick floating on the surface of the water such as an oil slick, [characterised] characterized in that it comprises:

- a recovery head [(1)] formed by an enclosure [(2)] having in the upper part an inlet [(3)] for the product to be recovered and in the lower part [(4)] an outlet for the recovered product,
- a vortex generator which is formed by [a] an agitator [(9)] immersed in the enclosure and borne by the shaft [(8)] of a motor [(7)] and which creates in the enclosure a dynamic vortex [(V)] which descends in the enclosure [(2)] as far as its outlet [(4)],
- a floatation means [(5)] which supports the enclosure [(2)] so as to keep its inlet [(3)] at the level of the slick to be recovered [(8)],
- a pipe [(20)] connecting the outlet of the enclosure to a tank [(31)].

2. (Amended) Apparatus as claimed in Claim 1, [characterised] characterized in that the agitator [(9)] is immersed at an adjustable height in the enclosure below the level of the floating slick [(P)].

3. (Amended) Apparatus as claimed in Claim 1, [characterised] characterized in that the enclosure [(2)] is in the shape of a funnel following the flow lines of the vortex, the flared portion of the enclosure constituting the product inlet [(3)], whilst the tip of the cone constitutes the outlet [(4)] connected to the discharge pipe [(20)].

4. (Amended) Apparatus as claimed in Claim 1, [characterised] characterized in that the discharge pipe [(20)] is connected to a suction means [(30)].

5. (Amended) Apparatus as claimed in [any one of Claims 1 and 4] Claim 1, [characterised] characterized by a control unit connected to the motor [(7)] of the vortex generator [(7, 8, 9)] and to the suction means [(30)] in order to control these two means as a function in one another.

6. (Amended) Apparatus as claimed in Claim 1, [characterised] characterized in that the flotation means [(5)] is formed by floats supporting the enclosure [(2)] and the vortex generator [(7, 8, 9)].

7. (Amended) Apparatus as claimed in Claim 6, [characterised] characterized in that the connection [(10)] between the floats [(5)] and the enclosure [(2)] is adjustable in order to adjust the depth of immersion of the inlet [(3)] of the enclosure as a function of the thickness [(X)] of the slick of product to be recovered [(P)].

New Claim 8 has been added as follows:

- -8. Apparatus as claimed in Claim 4, characterized by a control unit connected to the motor of the vortex generator and to the suction means in order to control these two means as a function in one another.- -

### Changes in the Abstract

The abstract has been amended as follows:

"Method and apparatus for recovery of a slick floating on the surface of a liquid"

Method and apparatus for recovery of the product forming a slick floating on the surface of the water such as an oil slick. The apparatus comprises

- [-] a recovery head [(1)] formed by an enclosure [(2)] having in the upper part an inlet [(3)] for the product to be recovered and in the lower part [(4)] an outlet for the recovered product, as well as a vortex generator which creates in the enclosure a dynamic vortex [(V)] which descends in the enclosure [(2)] as far as its outlet [(4)],;
- [-] a flotation means [(5)] which supports the enclosure [(2)] so as to keep its inlet [(3)] at the level of the slick to be recovered[,]; and
- [-] a pipe [(20)] connecting the outlet of the enclosure to a tank [(31)].

[-Figure 4-]